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ABSTRACT

The enrollment pattern at Canadian universities during the period 1962-1963 through 1974-1975 was studied for eight fields of study and 60 to 70 disciplines. Undergraduate, master's, and doctoral enrollment for both full- and part-time students during this period was examined. During this twelve-year period, the total full-time undergraduate enrollment increased from 130,000 to 295,000, with slightly more than half of the enrollment in the arts and science field. Part-time undergraduate enrollment for credit students increased from 39,000 to 138,000 during the same period. The number of full-time graduate students, at both the master's and doctoral levels, increased from 8,200 to 29,400 during the period 1962-1963 through 1969-1970, while the number of part-time graduate students tripled from 4,100 to 12,900. The greatest part of this increase was in the humanities and social sciences. During the period 1970-1971 through 1974-1975, full-time master's enrollment increased only from 20,600 to 21,300, with an actual decline in 1972-1973 and 1973-1974. The decline occurred particularly in the natural sciences, while the social sciences showed the greatest increase. Full-time doctoral enrollment declined from 10,000 to 9,100 between 1970-1971 and 1974-1975, while part-time enrollment increased from 2,500 to 3,700. Although the total number of doctoral students remained about the same, enrollment in education and the social sciences increased, while enrollment in mathematics and physical sciences and engineering and applied sciences declined. Forty-five tables present detailed data on full-time and part-time undergraduate and graduate level enrollment by field of study and by discipline over the twelve-year period. (SC)

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Introduction

Part I of this four-part series dealt with degrees awarded by Canadian universities by level and discipline during the sixties and early seventies.

Part II will deal with the enrolment pattern at Canadian universities by eight fields of study and 60 to 70 disciplines for the three levels of study: undergraduate, master's and doctoral enrolment for both full- and part-time students during the same time-period. In Part I, some explanatory notes have been provided about data sources and this information is not repeated here. Consequently, the following discussion will only highlight the most significant aspects of enrolment trends.

Part III deals with a comparative analysis of the two data sources for graduate enrolment and graduation between Statistics Canada and the Canadian Association of Graduate Schools data.

Part IV of this series will then relate the enrolment pattern to graduation trends by level of study and discipline expressed as a ratio.

Undergraduate Enrolment

During twelve years (1962-63 to 1973-74) total full-time undergraduate enrolment increased from 130,000 to 295,000 which meant that for many years

enrolment increased by 10,000 to 20,000 students over the previous year (Table 1).

Slightly more than half of the enrolment occurred in the arts and science faculties and the balance in 24 more clearly defined professional fields. The enrolment pattern in these 24 fields of specialization shows that some of them grew much more rapidly than others.[1.]

Commerce and business administration enrolment more than tripled from 8,000 to 25,000 whereas the number of full-time engineering students increased from 16,000 to 26,000 (Table 2). Therefore, the proportion of engineering students declined for these 24 professional fields from 26% to 19% whereas commerce and business administration increased their share from 13% to 18%. The number of dental students for this twelve-year period grew from 1,200 to 1,900 students and full-time students in religion and theology declined from 3,000 in 1962-63 to 2,100 in 1973-74, whereas the number of law students rose from 2,900 to 8,500.

Part-time enrolment for credit students increased from 39,000 to 138,000 (Table 3). For 15 fields of study, the number quadrupled during the twelve-year period from 16,000 to 72,000. For example, part-time students in

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1. Some caution is required because definitional and classification problems have existed and the number of institutions surveyed has varied over time.

education grew from 6,000 to 26,000 and commerce and business administration students almost doubled from 5,700 to 10,500. These two fields of specialization accounted for 80-90% of the part-time enrolment in these 15 fields. There were very few part-time students in the other 13 fields of specialization, particularly in the health sciences and law.

Graduate Enrolment

Before 1970-71, Statistics Canada did not distinguish between master's and doctoral enrolment. Therefore, between 1962-63 and 1969-70, the information was available only for total graduate enrolment. The number of full-time graduate students for the eight-year period, 1962-63 to 1969-70, increased from 8,200 to 29,400 and part-time tripled from 4,100 to 12,900 (Table 5). The number of full-time graduate students in the humanities and social sciences increased from 3,400 to 14,000 which meant it grew more rapidly than most of the other six fields of study.

Tables 7 to 11 show the enrolment for the eight-year period for both full-time and part-time graduate students for selected disciplines. As an example, full-time graduate enrolment in social work increased from 97 to 978 (Table 7), and full-time engineering students at the graduate level

grew from 867 to 3,217 (Table 8), whereas the number of full-time graduate students in agriculture only doubled from 334 to 652.

Master's enrolment:

As indicated, since 1970-71, Statistics Canada data separate the master's enrolment from doctoral students and the information is available in greater detail for many more disciplines. For eight fields of study, covering a five-year period, 1970-71 to 1974-75, full-time master's enrolment increased only from 20,600 to 21,300 with an actual decline in 1972-73 and 1973-74 (Table 12). This decline occurred particularly in the natural sciences, excluding health professions. The social sciences increased from 7,300 to 8,200.

Turning to individual disciplines, full-time master's enrolment in education declined from 2,223 to 2,049 (Table 13). At the same time, part-time master's enrolment in education almost doubled from 3,224 to 5,950. Most disciplines in the humanities experienced a slight decline in full-time master's enrolment, (eg. English from 918 students in 1970-71 to a low of 636 in 1973-74, but increasing to 747 in the following year)(Table 14). History and Philosophy had a somewhat similar pattern. Full-time enrolment expanded from 482 to 695 in library science during the five-year period, and there was an

increase of master's students in theology from 482 to 1,094 indicating also that the number of institutions covered by the Statistics Canada survey during the seventies has expanded. In any comparison of the data, this must be borne in mind. For the social sciences there has been a general upward trend in which most disciplines participated. As an illustration, the number of full-time anthropology master's students increased from 174 to 237 and commerce and business administration from 2,081 to 2,615. In contrast, full-time enrolment in social work and sociology, at the master's level, declined. All ten social science disciplines participated in the growth of part-time master's enrolment.

Table 16 provides the enrolment pattern for engineering, architecture and forestry which shows a slight decline of full-time master's students in engineering but a substantial increase of part-time students. For the other natural science disciplines, Tables 17-19 provide an overview of full- and part-time master's enrolment by selected disciplines. For example, the number of full-time chemistry students at the master's level declined from 577 in 1970-71 to 419 in 1974-75, whereas part-time enrolment in that discipline increased from 92 to 212 (Table 19).

The Canadian Association of Graduate Schools has collected similar information on graduate student enrolment between 1968-69 and 1975-76. The categories differ slightly: Statistics Canada uses 8 fields of study, where CAGS relies

on 5 categories. Moreover, during the early years of the survey, the data are incomplete, and only member institutions are included. For example, with the exception of 1975-76 data, Moncton and Sherbrooke universities are excluded, along with most other institutions which are mainly religiously oriented. Keeping these limitations in mind, full-time master's enrolment remained stable during the early seventies, around 19,000, but increased to almost 23,000 in 1975-76 (Table 20). The most marked increase for full-time master's enrolment was in the social sciences which grew from 8,300 to 11,500. The other four fields experienced a decline in enrolment for five years but an upward trend in 1975-76. At the part-time master's level, there was a continued expansion from 11,100 to 21,200, in which all 5 fields shared (Table 21). Tables 22-31 provide information on a discipline basis separately for full- and part-time students between 1968-69 and 1975-76. Thus, full-time master's enrolment in classics declined from 71 in 1970-71 to 50 in 1975-76 and part-time enrolment in that discipline also decreased from 53 to 22 (Tables 22 and 23).

Most other disciplines in the humanities experienced a decline in full-time master's enrolment, with a possible exception in 1975-76. In contrast, part-time master's enrolment continued to expand in most disciplines in the humanities. However, the majority of disciplines in the social sciences experienced a growth in both full- and part-time enrolment at the master's level. For example, political science and public administration at the

full-time master's level increased from 559 in 1970-71 to 1,015 in 1975-76 and at the part-time level from 352 to 637 respectively (Tables 24 and 25). In the engineering disciplines, the enrolment pattern for full-time master's students was uneven. Chemical engineering declined from 306 to 236, similar to mechanical engineering which decreased from 368 to 257 (Table 26). In contrast, electrical engineering and other sub-groups within the field of engineering continued to expand.

The pattern is also uneven for the physical sciences. At the full-time master's level, chemistry, physics and mathematics declined whereas geology and computer sciences continued to expand, but all disciplines participated in the growth of part-time master's enrolment (Tables 28 and 29). For 25 selected disciplines, Tables 30 and 31 provide the enrolment pattern for master's students in the life sciences with considerable variations, (agricultural and biological sciences as well as medical professions and occupations).

Doctoral Enrolment:

The following discussion will focus on doctoral enrolment for both full- and part-time students between 1970-71 and 1974-75, for 8 fields of study and 37 selected disciplines as reported to Statistics Canada. The second section

will deal with similar information derived from the Annual Statistical Report of the Canadian Association of Graduate Schools in which full- and part-time doctoral students are combined (1968-69 and 1975-76).

The Canadian Association of Graduate Schools has only 5 fields of study in their classification as compared with 8 by Statistics Canada and the breakdown by discipline differs slightly from the classification system of Statistics Canada. Overall, full-time doctoral enrolment declined by about 1,000 students from 10,000 to 9,100 between 1970-71 and 1974-75 (Table 32). At the same time, part-time enrolment increased during this five-year period from 2,500 to 3,700. Therefore, since it is often a question of definition as to who is considered a part-time student, the total number of doctoral students has changed relatively little during these five years remaining in the neighbourhood of 13,000. What has changed are the proportions among the 8 fields of study. For example, doctoral enrolment in education, for both full- and part-time students, increased from 900 to about 1,300 whereas in mathematics and physical sciences the numbers declined from 2,700 to 2,100. The social sciences increased their number from 2,700 to 3,500 whereas engineering and applied sciences declined from 1,500 to 1,300.

Within each field of study there was considerable variation in the change of numbers. Tables 33-38 provide the information by selected disciplines. For most disciplines, part-time doctoral enrolment continued to grow.

This discussion will focus primarily on the changes in full-time enrolment by discipline. For example, the number of full-time doctoral students in French, history and philosophy changed very little during this five-year period.

Most disciplines in the social sciences increased their number of full-time doctoral students, e.g. economics from 351 to 429 and political science from 150 to 220, and psychology from 675 to 765; sociology from 225 to 323 (Table 35). Most of the agriculture and biological sciences experienced a decline in numbers: 243 to 149 in agriculture (Table 36). Engineering doctoral enrolment decreased from 1,208 to 958 full-time students (Table 37). The largest decline, however, occurred in the health sciences and some of the physical sciences. Full-time doctoral enrolment in medicine decreased from 644 to 369 (Table 38), chemistry from 970 to 592, and physics from 682 to 429 (Table 39).

Similar information from the Canadian Association of Graduate Schools shows that full- and part-time doctoral enrolment increased slightly in 1975-76 to 13,332 as compared with 13,060 the preceding year (Table 40). As already illustrated, doctoral enrolment in the social sciences grew from 3,340 to 4,893 between 1970-71 and 1975-76, increasing its percentage share from 26.1% to 36.7%. The natural sciences declined correspondingly, whereas the

humanities retained about 24% of the total full- and part-time doctoral enrolment. For the humanities disciplines, doctoral enrolment has not changed significantly (Table 41).

On the other hand, most social science disciplines increased their number: economics from 293 in 1970-71 to 429 in 1975-76, education from 839 to 1,288 and psychology from 914 to 1,326 (Table 42). The opposite trend occurred in engineering and some of the physical sciences: chemical engineering from 258 to 187, civil engineering from 301 to 195, electrical engineering from 402 to 322 and mechanical from 222 to 177 (Table 43). The most marked decline took place, as already shown by Statistics Canada data, in chemistry and physics which declined 1,057 to 663 and from 704 to 512 respectively (Table 44). The life sciences which includes the biological and medical sciences, experienced a decline from 2,199 in 1970-71 to 1,826 in 1975-76, but this change was very uneven among the 24 disciplines shown in Table 45.

Table 1

Full-time Undergraduate Enrolment by Field of Study, 1962-63 to 1973-74

Field of Study	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
Arts	55,869	60,656	69,489	81,673	92,680	100,175	100,826	98,164	95,511	93,379	84,202	85,061
.....	42.1	41.3	42.4	43.7	44.0	43.7	42.1	37.2	34.6	32.5	29.6	28.8
Science	14,958	19,152	21,710	25,320	29,223	32,913	36,919	40,947	43,910	42,177	45,311	46,623
.....	11.3	13.0	13.3	13.5	13.9	14.3	15.4	15.5	15.9	14.7	15.9	15.8
Arts and Science	-	-	-	-	-	-	-	9,928	15,194	20,302	20,664	20,996
								3.8	5.5	7.1	7.2	7.1
24 Other Fields	61,854	67,019	72,603	80,056	88,715	96,211	101,928	114,876	121,682	131,260	134,720	142,296
	46.6	45.7	44.3	42.8	42.1	42.0	42.5	43.5	44.0	45.7	47.3	48.2
Total	132,681	146,827	163,802	187,049	210,618	229,299	239,723	263,915	276,297	287,118	284,897	294,976
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 2

Full-time Undergraduate Enrolment by Field of Specialization, 1962-63 to 1973-74

Field of Specialization	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
Agriculture	1,974	2,201	2,338	2,414	2,561	2,685	2,745	3,538	3,721	3,527	3,117	3,591
.....	3.24	3.33	3.27	3.06	2.93	2.85	2.74	3.11	3.09	2.73	2.38	2.59
Commerce & Business Administration .	7,854	8,787	9,747	10,740	12,232	13,381	14,982	16,117	16,747	20,189	22,266	25,177
.....	12.91	13.32	13.64	13.65	14.00	14.21	15.00	14.18	15.94	15.65	17.06	18.18
Education	16.061	17,948	20,628	24,045	27,277	28.101	28,757	35,627	38,531	38,841	36,770	38,450
.....	26.40	27.22	28.86	30.56	31.23	29.86	28.80	31.35	32.09	30.12	28.17	27.76
Engineering & Applied Science	15.950	16,519	17,156	18,680	20,875	23,280	24,866	25,076	25,706	26,635	26,656	25,915
.....	26.22	25.05	24.00	23.74	23.90	24.73	24.90	22.02	21.41	22.65	19.65	18.71
Fine and Applied Arts	719	864	987	1,239	1,620	1,938	2,459	4,411	5,446	7,505	9,005	9,900
.....	1.18	1.31	1.38	1.57	1.85	2.05	2.46	3.88	4,53	5.82	6.90	7.14
Dentistry	1,255	1,182	1,241	1,284	1,335	1,366	1,487	1,796	1,878	2,034	1,835	1,886
.....	2.06	1.79	1.73	1.63	1.52	1.45	1.48	1.58	1.56	1.57	1.40	1.36
Medicine	4,306	4,443	4,635	4,580	4,795	5,003	5,240	5,558	5,773	6,330	6,815	7,088
.....	7.07	6.73	6.48	5.82	5.49	5.31	5.24	4.89	4.77	4.90	5.22	5.11
Miscellaneous Health Professions	862	980	1,008	1,140	1,212	1,346	1,573	2,347	2,273	2,601	2,601	2,902
.....	1.41	1.48	1.41	1.44	1.38	1.43	1.57	2.06	1.89	2.01	1.99	2.09
Nursing	2,120	2,717	3,015	3,202	3,560	3,570	3,996	4,222	4,391	4,740	4,860	5,105
.....	3.48	4.12	4.21	4.06	4.07	3.79	4.00	3.71	3.65	3.67	3.72	3.68
Pharmacy	1,636	1,665	1,653	1,654	1,662	1,735	1,789	1,944	2,068	2,294	2,537	2,562
.....	2.68	2.52	2.31	2.10	1.90	1.84	1,79	1,71	1.72	1.77	1.94	1.85
Household Science	1,737	1,804	1,931	2,285	2,504	2,594	2,745	2,835	2,941	3,403	3,837	4,435
.....	2.85	2.73	2.70	2.90	2.86	2.75	2.74	2.49	2.44	2.63	2.94	3.20
Law	2,892	3,170	3,520	4,053	4,464	5,067	5,735	6,459	7,250	7,764	8,134	8,453
.....	4.75	4.80	4.92	5.15	5.11	5.38	5.74	5.68	6.03	6.02	6.23	6.10
Religion and Theology ...	2,988	3,120	3,036	2,847	2,716	3,484	2,959	3,053	2,670	2,290	2,218	2,115
.....	4.91	4.73	4.24	3.61	3.11	3.70	2.96	2.68	2,22	1.77	1.69	1.52

Table 2 (con't)

Full-time Undergraduate Enrolment by Field of Specialization

Field of Specialization	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
Veterinary Medicine	474	526	561	512	508	556	605	641	707	793	856	892
.....	0.77	0.56	0.78	0.65	0.58	0.56	0.60	0.56	0.58	0.61	0.65	0.64
Sub-Total	60,828	65,926	71,456	78,675	87,321	94,106	99,838	113,624	120,062	128,946	130,507	138,471
Unclassified ..	1,026	1,093	1,147	1,381	1,394	2,105	1,990	1,252	1,620	2,314	4,213	3,825
.....	1.65	1.63	1.57	1.72	1.57	2.18	1.95	1.08	1.33	1.76	3.12	2.68
Total	61,854	67,019	72,603	80,056	88,715	96,211	101,928	114,876	121,682	131,260	134.720	142,296
Arts & Science	-	-	-	-	-	-	-	9,928	15,194	20,302	20,664	20,996
Total	61,854	67,019	72,603	80,056	88,715	96,211	101,928	124,804	136,876	151,562	155,384	163,292

Table 3

Part-time Undergraduate Enrolment by Faculty, 1962-63 to 1973-74

Field of Study	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
Arts	20,563	27,308	31,268	37,147	39,056	44,279	53,233	51,188	53,366	52,939	48,576	46,827
	53.2	54.2	55.4	56.9	52.3	50.8	58.4	47.3	37.5	38.5	36.7	34.0
Science	2,045	2,515	2,836	2,785	3,098	3,648	4,733	5,284	5,271	6,088	7,206	6,837
	5.3	5.0	5.0	4.3	4.1	4.2	5.2	4.9	3.7	4.4	5.4	5.0
Arts and Science	-	-	-	-	-	-	-	5,956	5,511	8,735	11,346	12,416
								5.5	3.9	6.4	8.6	9.0
15 Other Fields	16,031	20,604	22,377	25,372	32,524	39,241	33,216	45,859	78,058	69,596	65,372	71,574
	41.5	40.8	39.6	38.8	43.6	45.0	36.4	42.3	54.9	50.7	49.3	52.0
Total	38,639	50,427	56,481	65,299	74,678	87,168	91,182	108,287	142,206	137,358	132,500	137,654
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 4

Part-time Undergraduate Enrolment by Field of Specialization, 1962-63 to 1973-74

Field of Specialization	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
Agriculture	24	26	25	32	49	80	79	85	67	55	78	144
.....	0.2	0.2	0.1	0.2	0.2	0.3	0.3	0.3	0.2	0.1	0.2	0.3
Commerce and Business Adm. ...	5,666	6,872	7,074	6,951	8,639	8,684	9,147	12,075	10,555	10,524	11,446	10,516
.....	42.8	40.8	38.5	36.9	33.9	31.7	38.2	37.0	32.0	28.6	26.7	24.2
Education	6,018	6,825	8,178	8,433	13,016	14,536	10,241	15,661	19,042	22,400	25,841	26,040
.....	45.5	40.5	44.5	44.8	51.1	53.1	42.7	48.0	57.8	60.8	60.3	59.8
Engineering and Applied Sciences	331	1,352	1,348	1,606	1,717	1,671	2,007	2,006	882	1,150	1,455	1,598
.....	2.5	8.0	7.3	8.5	6.7	6.1	8.4	6.1	2.7	3.1	3.4	3.7
Fine and Applied Arts	318	290	363	413	380	734	624	809	773	908	1,397	2,110
.....	2.4	1.7	2.0	2.2	1.5	2.7	2.6	2.5	2.3	2.5	3.3	4.8
Dentistry	8	5	13	-	10	40	59	23	16	4	3	4
.....	0.1	0.0	0.1	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0
Medicine	1	11	9	8	8	45	11	12	3	17	30	42
.....	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.1
Miscellaneous Health Prof.	18	31	30	45	22	46	32	46	153	176	178	274
.....	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.5	0.5	0.4	0.6
Nursing	245	500	691	699	913	739	912	932	874	795	777	836
.....	1.9	3.0	3.8	3.7	3.6	2.7	3.8	2.9	2.7	2.2	1.8	1.9

Table 4 (con't)

Part-time Undergraduate Enrolment by Field of Specialization,
1962-63 to 1973-74

Field of Specialization	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
Pharmacy	33	51	42	50	44	40	45	72	18	29	23	27
.....	0.2	0.3	0.2	0.3	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1
Household Sc. ..	69	102	84	103	35	77	70	122	100	185	556	549
.....	0.5	0.6	0.5	0.5	0.1	0.3	0.3	0.4	0.3	0.5	1.3	1.3
Law	11	42	36	25	16	8	15	30	32	36	64	101
.....	0.1	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.2
Religion and Theology	482	747	497	465	605	661	718	753	421	560	991	1,289
.....	3.6	4.4	2.7	2.5	2.4	2.4	3.0	2.3	1.3	1.5	2.3	3.0
Veterinary Medicine	3	1	-	6	-	2	1	1	1	1	5	2
.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sub-total	13,227	16,855	18,390	18,836	25,454	27,363	23,961	32,627	32,937	36,840	42,844	43,532
Unclassified ...	2,804	3,749	3,987	6,536	7,070	11,878	9,255	13,232	45,121	32,756	22,528	28,042
.....	17.5	18.2	17.8	25.8	21.7	30.3	27.9	28.9	57.8	47.1	34.5	39.2
Total	16,031	20,604	22,377	25,372	32,524	39,241	33,216	45,859	78,058	69,596	65,372	71,574

Table 5

Full-time and Part-time Graduate Enrolment by Field of Study, 1962-63 to 1969-70

	1962-63		1963-64		1964-65		1965-66	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Education	534	1,258	465	1,622	609	1,751	874	1,974
Fine and Applied Arts	11	16	58	59	48	48	44	46
Humanities and Social Sciences	3,378	1,493	5,084	3,274	6,490	3,536	8,340	3,892
Agricultural and Biological Sciences	351	52	461	72	553	83	548	87
Engineering and Applied Sciences	969	723	1,217	858	1,469	998	1,871	768
Health Professions and Occupations	725	101	1,039	110	970	249	1,074	207
Mathematics and Physical Sciences	2,266	467	2,471	317	3,286	371	4,059	486
Total	8,234	4,110	10,795	6,312	13,425	7,036	16,810	7,460

	1966-67		1967-68		1968-69		1969-70	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Education	1,068	2,424	1,253	2,060	1,691	2,444	1,867	3,588
Fine and Applied Arts	58	64	76	79	114	78	147	96
Humanities and Social Sciences	9,582	5,855	11,823	5,837	11,461	5,582	14,108	6,783
Agricultural and Biological Sciences	513	136	748	111	1,021	147	817	159
Engineering and Applied Sciences	2,227	538	2,758	1,069	3,268	901	3,494	1,224
Health Professions and Occupations	1,254	171	1,622	148	1,609	172	1,853	188
Mathematics and Physical Sciences	4,567	603	5,426	688	6,200	737	7,105	873
Total	19,269	9,791	23,706	9,992	25,364	10,061	29,391	12,911

Table 6

Full-time and Part-time Graduate Enrolment in Education and Fine Arts, 1962-63 to 1969-70

Discipline	1962-63		1963-64		1964-65		1965-66		1966-67		1967-68		1968-69		1969-70	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Physical Education	27	3	31	2	34	9	45	11	56	11	69	20	90	40	122	58
Other Education	507	1,255	434	1,620	575	1,742	829	1,963	1,012	2,413	1,184	2,040	1,601	2,404	1,745	3,430
Total	534	1,258	465	1,622	609	1,751	874	1,974	1,068	2,424	1,253	2,060	1,691	2,444	1,867	3,588
Fine & Applied Arts	11	16	58	59	48	48	44	46	58	64	76	72	114	78	147	96

Table 7

Full-time and Part-time Graduate Enrolment in the Humanities and Social Sciences, 1962-63 to 1969-70

Discipline	1962-63		1963-64		1964-65		1965-66		1966-67		1967-68		1968-69		1969-70	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Library Sc. ..	-	23	6	23	1	30	1	37	6	37	-	55	5	86	341	169
Theology & Religion	297	136	147	116	137	128	219	122	298	165	277	125	334	224	458	277
Commerce & Business	573	1,023	762	1,440	880	1,190	1,016	1,292	1,227	1,581	1,538	1,098	1,634	1,416	1,870	1,588
Law	79	51	79	67	127	59	63	60	104	53	134	51	126	77	152	99
Social Work ..	97	30	212	14	218	28	264	35	126	8	136	63	270	152	978	152
Other Humanities & Social Sciences	2,332	230	3,878	1,614	5,127	2,101	6,777	2,346	7,821	4,011	9,738	4,445	9,092	3,627	10,309	4,498
Total ..	3,378	1,493	5,084	3,274	6,490	3,536	8,340	3,892	9,582	5,855	11,823	5,837	11,461	5,582	14,108	6,783

Table 8

Full-time and Part-time Graduate Enrolment in Engineering and Applied Sciences, 1962-63 to 1969-70

Discipline	1962-63		1963-64		1964-65		1965-66		1966-67		1967-68		1968-69		1969-70	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Architecture ...	48	1	18	2	30	5	46	8	80	13	48	25	100	26	115	32
Forestry	54	4	70	21	63	14	102	29	116	29	125	52	145	61	162	57
Engineering	867	718	1,129	835	1,376	979	1,723	731	2,031	496	2,585	992	3,023	814	3,217	1,135
Total	969	723	1,217	858	1,469	998	1,871	768	2,227	538	2,758	1,069	3,268	901	3,494	1,224

Table 9

Full-time and Part-time Graduate Enrolment in Agriculture and Biological Sciences, 1962-63 to 1969-70

Discipline	1962-63		1963-64		1964-65		1965-66		1966-67		1967-68		1968-69		1969-70	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Agriculture ..	334	51	424	70	517	80	504	73	454	115	662	82	921	123	652	106
Household Sc.	4	1	14	2	15	3	15	7	20	7	38	9	44	7	73	34
Veterinary Medicine	13	-	23	-	21	-	29	7	39	14	48	20	56	17	92	19
Other Bio. & Agr. Sc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total .	351	52	461	72	553	83	548	87	513	136	748	111	1,021	147	817	159

Table 10

Full-time and Part-time Graduate Enrolment in the Health Professions, 1962-63 to 1969-70

Discipline	1962-63		1963-64		1964-65		1965-66		1966-67		1967-68		1968-69		1969-70	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Dentistry	33	3	39	6	49	10	55	16	70	10	67	15	100	6	91	14
Medicine	560	29	898	77	789	221	871	186	1,018	141	1,334	124	1,301	142	1,565	149
Nursing	49	32	20	13	23	7	28	1	27	14	90	2	64	10	47	11
Pharmacy	56	6	45	14	65	11	72	4	78	6	77	7	94	13	105	14
Other Health Professions ..	27	31	37	-	44	-	48	-	61	-	54	-	50	1	45	-
Total ..	725	101	1,039	110	970	249	1,074	207	1,254	171	1,622	148	1,609	172	1,853	188

Table 11

Full-time and Part-time Graduate Enrolment in Mathematics and the Physical Sciences, 1962-63 to 1969-70

Discipline	1962-63		1963-64		1964-65		1965-66		1966-67		1967-68		1968-69		1969-70	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Mathematics & Physical Sc. ..	2,266	467	2,471	317	3,286	371	4,059	486	4,567	603	5,426	688	6,200	737	7,105	873
Masters Unclassified	202	241	338	186	372	232	386	264	450	320	481	704	756	423	840	808

Table 12

Full-time and Part-time Master's Enrolment by Field of Study, 1970-71 to 1974-75

Field of Study	1970-71		1971-72		1972-73		1973-74		1974-75	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Education	2,223	3,224	2,156	3,662	1,893	4,282	2,095	5,591	2,049	5,950
Fine and Applied Arts	239	92	249	178	281	135	339	132	402	230
Humanities	4,003	2,138	4,278	2,404	4,196	2,680	4,066	2,741	4,409	2,472
Social Sciences	7,289	3,213	7,411	3,896	7,107	4,376	7,624	4,683	8,165	5,149
Agricultural and Biological Sciences	1,508	261	1,405	345	1,144	383	1,299	441	1,283	453
Engineering and Applied Sciences ...	2,345	818	2,192	991	1,955	1,150	1,955	1,334	2,174	1,512
Health Professions & Occupations ...	739	178	1,224*	219	568	240	684	308	866	227
Mathematics and Physical Sciences ..	2,282	379	2,137	606	1,947	631	1,924	765	1,984	826
Total	20,628	10,303	21,052	12,301	19,091	13,877	19,986	15,995	21,332	16,819

* Includes diploma students in Québec.

Table 13

Full-time and Part-time Master's Enrolment in Education and Fine Arts, 1970-71 to 1974-75

Discipline	1970-71		1971-72		1972-73		1973-74		1974-75	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Education	2,223	3,224	2,156	3,662	1,893	4,282	2,095	5,591	2,049	5,950
Fine & Applied Arts ..	239	92	249	178	281	135	339	132	402	230

Table 14

Full-time and Part-time Master's Enrolment in Humanities by Discipline, 1970-71 to 1974-75

Discipline	1970-71		1971-72		1972-73		1973-74		1974-75	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Classics & Latin ..	69	57	47	42	N/A	N/A	N/A	N/A	56	21
English	918	448	811	46[illegible]	713	484	636	579	747	579
French	454	282	425	304	362	396	323	356	349	265
Other Modern Languages	431	138	366	180	287	199	270	192	348	176
History	724	458	681	518	608	568	636	614	678	508
Library Science ...	482	219	682	28[illegible]	635	271	650	239	695	209
Philosophy	412	147	357	163	292	215	327	212	365	176
Theology & Religion	482	332	820	385	1,066	446	951	430	1,094	444
Other Humanities ..	31	57	89	5[illegible]	233	101	273	119	77	94
Total	4,003	2,138	4,278	2,40[illegible]	4,196	2,680	4,066	2,741	4,409	2,472

Table 15

Full-time and Part-time Master's Enrolment in Social Sciences by Discipline, 1970-71 to 1974-75

Discipline	1970-71		1971-72		1972-73		1973-74		1974-75	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Anthropology	174	66	205	101	233	137	176	146	237	142
Commerce & Business	2,081	1,407	2,144	1,635	2,189	1,594	2,404	1,634	2,615	2,031
Economics	741	323	673	334	568	370	598	414	707	403
Geography	472	187	471	278	422	321	449	357	546	347
Law	114	34	130	76	126	140	138	258	141	228
Linguistics	176	105	114	99	n/a	n/a	n/a	n/a	n/a	n/a
Political Sc. & Public Admin. ...	487	325	541	323	619	419	609	402	526	384
Psychology	916	155	869	361	861	447	949	479	959	477
Social Work	976	126	957	78	774	91	768	118	691	152
Sociology	644	310	575	420	397	471	470	419	508	375
Other Social Sciences	508	175	732	191	918	386	1,063	456	1,235	610
Total	7,289	3,213	7,411	3,896	7,107	4,376	7,624	4,683	8,165	5,149

Table 16

Full-time & Part-time Masters Enrolment in Engineering & Applied Sciences by Discipline, 1970-71 to 1974-75

Discipline	1970-71		1971-72		1972-73		1973-74		1974-75	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Architecture	68	18	125	22	97	39	125	68	151	41
Engineering	2,165	775	1,979	930	1,779	1,073	1,749	1,220	1,956	1,439
Forestry	112	25	88	39	79	38	81	46	67	32
Total	2,345	818	2,192	991	1,955	1,150	1,955	1,334	2,174	1,512

Table 17

Full-time and Part-time Master's Enrolment in Agriculture and Biological Sciences by Discipline , 1970-71 to 1974-75

Discipline -	1970-71		1971-72		1972-73		1973-74		1974-75	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Agriculture	375	67	390	110	255	104	265	96	217	56
Biochemistry	72	24	85	38	N/A	N/A	N/A	N/A	109	23
Biology	564	96	528	108	466	166	512	193	572	276
Botany	99	9	102	14	76	12	115	25	87	27
Household Sciences	66	20	52	32	N/A	N/A	N/A	N/A	55	28
Veterinary Medicine	53	14	17	11	12	14	31	14	15	12
Zoology	273	31	224	41	173	33	209	52	195	29
Other Biol. & Agr. Sciences .	6	-	7	-	162	54	167	61	33	2
Total	1,508	261	1,405	345	1,144	383	1,299	441	1,283	453

Table 18

Full-time & Part-time Master's Enrolment in Health Professions by Discipline, 1970-71 to 1974-75

Discipline	1970-71		1971-72		1972-73		1973-74		1974-75	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Dentistry	45	17	36	8	25	13	28	21	31	14
Medicine	476	118	924	123	330	152	338	111	462	118
Nursing	65	16	109	25	79	37	94	45	86	48
Pharmacy	83	8	50	10	54	12	44	21	67	22
Other Health Professions	70	19	105	53	80	26	180	110	220	25
Total	739	178	1,224	219	568	240	684	308	866	227

Table 19

Full-time & Part-time Masters Enrolment in Mathematics & Physical Sciences by Discipline, 1970-71 to 1974-75

Discipline	1970-71		1971-72		1972-73		1973-74		1974-75	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Chemistry	577	92	419	111	381	146	405	193	419	212
Computer Science .	220	65	319	97	N/A	N/A	N/A	N/A	N/A	N/A
Geology	293	53	329	56	325	68	321	90	345	100
Mathematics	556	100	489	205	703	244	695	351	687	297
Physics (with meteorology) ...	534	65	443	104	366	113	386	106	387	93
Other Math & Physical Sc. ...	52	4	110	33	172	60	117	25	146	124
Total	2,282	379	2,137	606	1,947	631	1,924	765	1,984	826

Table 20

Full-time Enrolment of Master's Students by Field of Study, 1968-69 - 1975-76

Field of Study	1968-69*	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Humanities	3,159	3,713	3,648	3,274	3,059	3,134	3,225	3,517
Social Sciences	5,732	7,757	8,283	8,549	8,868	9,211	9,858	11,468
Engineering and Applied Sciences	1,985	2,200	2,175	2,083	1,745	1,886	1,954	2,417
Life Sciences	2,545	2,730	2,705	2,294	2,188	2,274	2,672	3,162
Mathematics and Physical Sciences	2,103	2,205	2,136	1,905	1,778	1,820	1,831	2,063
Total	15,524	18,605	18,947	18,105	17,638	18,325	19,540	22,627

Source: Canadian Association of Graduate Schools.

* Incomplete

Table 21

Part-time Master's Enrolment by Field of Study, 1968-69 to 1975-76

Field of Study	1968-69*	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Humanities	1,914	2,218	2,288	2,530	2,712	2,810	2,929	3,091
	23.8	22.3	20.6	19.6	18.7	16.9	16.3	14.6
Social Sciences	4,592	5,898	6,810	8,041	9,135	10,523	11,410	13,944
	57.2	59.3	61.4	62.4	62.9	63.5	63.7	65.9
Physical Sciences	432	470	528	622	610	849	923	1,003
	5.4	4.7	4.8	4.8	4.2	5.1	5.2	4.7
Engineering & Applied Sciences	689	853	835	989	1,264	1,514	1,697	1,998
	8.6	8.6	7.5	7.7	8.7	9.1	9.5	9.4
Life Sciences	403	504	624	714	811	888	963	1,123
	5.0	5.1	5.6	5.5	5.6	5.4	5.4	5.3
Total	8,030	9,943	11,085	12,896	14,532	16,584	17,922	21,159
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Canadian Association of Graduate Schools.

* Incomplete

Table 22

Full-time Enrolment of Master's Students in the Humanities by Discipline, 1968-69 to 1975-76

Discipline	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Fine and Applied Arts	176	234	266	245	283	339	367	392
Classics and Latin	101	102	71	46	59	50	54	50
English Language and Literature	817	970	936	763	691	712	699	789
French Language and Literature	402	526	501	387	313	284	256	275
History	549	687	689	616	578	562	604	750
Linguistics	60	99	136	142	134	176	186	203
Modern Languages and Literature	306	334	296	222	215	207	241	225
Philosophy	339	362	357	308	277	299	330	346
Theology and Religion	275	247	230	283	258	256	242	201
Other*	134	152	166	262	251	249	246	286
Total	3,159	3,713	3,648	3,274	3,059	3,134	3,225	3,517

* Includes Asian and Slavic Studies, Comparative Literature and Medieval Studies.
Source: Canadian Association of Graduate Schools.

Table 23

Part-time Master's Enrolment in the Humanities by Discipline, 1968-69 – 1975-76

	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Fine & Applied Arts	106	118	134	177	134	194	255	274
Classics & Latin	36	61	53	45	49	32	23	22
English Language & Literature	425	540	519	536	515	603	632	626
French Language & Literature	349	380	360	429	394	432	369	385
History	393	429	489	553	607	588	592	568
Linguistics	39	110	156	162	173	202	218	232
Modern Languages & Literature	141	153	127	118	196	134	205	166
Philosophy	106	137	147	175	205	218	191	226
Theology & Religion	221	197	209	225	296	278	302	449
Other*	98	93	94	110	143	129	142	143
Total	1,914	2,218	2,288	2,530	2,712	2,810	2,929	3,091

* Includes Asian and Slavic Studies, Comparative Literature and Medival Studies.
Source: Canadian Association of Graduate Schools.

Table 24

Full-time Enrolment of Master's Students in the Social Sciences by Discipline, 1968-69 to 1975-76

Discipline	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Anthropology	178	155	161	206	184	186	217	234
Archeology	9	23	22	35	31	38	32	34
Business	1,534	1,652	1,693	1,826	1,983	2,120	2,522	2,623
Economics	473	626	717	501	472	445	520	655
Education	815	1,296	1,401	1,593	1,634	1,648	1,672	1,944
Geography	335	468	505	530	424	459	505	539
Law	23	111	111	137	156	162	173	223
Library Science	149	344	505	588	642	636	629	601
Physical Education	81	109	122	148	158	189	223	281
Political and Public Administration	500	622	559	479	524	679	652	1,015
Pyschology	637	767	770	799	804	871	887	1,107
Social Welfare	349	589	638	766	711	626	600	784
Sociology	433	566	534	432	421	391	427	429
Other*	216	429	545	609	724	761	798	978
Total	5,732	7,757	8,283	8,549	8,868	9,211	9,858	11,468

* Includes Canadian Studies, Journalism and Communication, Urban and Regional Planning.
Source: Canadian Association of Graduate Schools.

Table 25

Part-time Master's Enrolment in the Social Sciences by Discipline, 1968-69 to 1975-76

	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Anthropology	49	37	82	104	118	128	139	162
Archaeology	1	2	5	10	7	5	12	6
Business	1,206	1,229	1,362	1,547	1,644	1,854	2,081	3,140
Economics	201	279	277	314	357	342	406	487
Education	2,043	2,628	3,245	3,872	4,456	5,452	5,846	6,853
Geography	166	199	221	271	336	355	366	391
Law	38	39	38	90	146	169	232	254
Library Science	142	161	255	282	234	214	195	144
Physical Education	42	44	70	99	91	126	158	165
Political Science and Public Admin.	231	436	352	394	411	476	480	637
Psychology	98	225	214	316	449	492	511	576
Social Welfare	99	136	121	81	95	110	142	168
Sociology	202	293	307	329	377	366	332	356
Other	74	190	261	332	414	434	510	605
Total	4,592	5,898	6,810	8,041	9,135	10,523	11,410	13,944

Table 26

Full-time Enrolment of Master's Students in Engineering and Applied Sciences by Discipline, 1968-69 to 1975-76

Discipline	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Architecture	60	76	71	100	89	108	130	177
Areospace Science	60	86	52	55	34	33	31	35
Chemical Engineering	318	296	306	246	215	172	192	236
Civil Engineering	474	525	498	420	396	353	377	440
Electrical Engineering	510	579	536	501	459	397	423	539
Mechanical Engineering	333	338	368	311	240	238	244	257
Others*	230	300	344	450	312	585	557	733
Total	1,985	2,200	2,175	2,083	1,745	1,886	1,954	2,417

*Includes Engineering Design, Environmental Studies, Industrial and Mining Engineering, and Metal and Materials Science.
Source: Canadian Association of Graduate Schools.

Table 27

Part-time Master's Enrolment in Engineering and Applied Sciences by Discipline, 1968-69 to 1975-76

Disciplines	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Architecture	18	25	38	42	50	50	51	49
Aerospace	10	11	8	11	17	6	6	12
Chemical Engineering	81	72	73	78	126	120	132	170
Civic Engineering	210	246	268	262	268	399	435	456
Electrical Engineering	220	283	212	204	236	344	361	402
Mechanical Engineering	105	145	131	100	137	208	282	245
Other*	45	71	105	292	430	387	430	664
Total	689	853	835	989	1,264	1,514	1,697	1,998

* Includes Engineering Design, Environmental Studies, Industrial and Mining Engineering, and Metal and Material Science

Source: Canadian Association of Graduate Schools

Table 28

Full-time Enrolment of Master's Students in Mathematics and Physical Sciences, by Discipline, 1968-69 to 1975-76

Discipline	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Astronomy	25	23	31	22	12	12	16	18
Chemistry	566	622	528	392	355	370	406	469
Computer Science	146	240	222	327	318	266	258	331
Geology	259	293	297	303	332	343	335	417
Mathematics	579	511	543	450	399	415	414	401
Physics	528	516	515	411	362	414	402	427
Total	2,103	2,205	2,136	1,905	1,778	1,820	1,831	2,063

Source: Canadian Association of Graduate Schools.

Table 29

Part-time Master's Enrolment in the Physical Sciences by Discipline, 1968-69 to 1975-76

Discipline	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Astronomy	2	2	3	1	8	3	3	3
Chemistry	43	71	90	112	147	203	219	227
Computer Science	82	78	97	126	122	169	212	239
Geology	53	77	68	83	78	97	120	135
Mathematics	198	180	214	213	151	264	303	270
Physics	54	62	56	87	104	113	107	129
Total	432	470	528	622	610	849	923	1,003

Source: Canadian Association of Graduate Schools

Table 30

Full-time Enrolment of Master's Students in Life Sciences by Discipline, 1968-69 to 1975-76

Discipline	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Agriculture	154	134	91	74	57	52	57	77
Anatomy	51	38	44	38	23	31	37	44
Animal Science	126	122	122	84	68	65	80	94
Biochemistry	136	159	135	106	89	90	115	155
Biology	444	393	504	455	418	430	470	155
Biophysics	27	30	25	36	30	29	38	49
Botany	101	94	86	62	68	72	77	86
Dentistry	31	45	47	41	29	36	46	45
Entomology	45	39	28	28	43	41	44	44
Food Science	85	102	96	76	82	101	116	160
Forestry	92	95	101	92	82	83	84	85
Genetics	45	39	17	12	10	20	19	22
Marine Science	17	22	35	25	34	18	47	51
Medicine	80	83	78	75	63	24	22	24
Microbiology & Immunology	118	151	118	115	116	120	118	181
Nursing	64	67	69	101	94	94	100	134
Pathology	43	49	50	29	15	22	24	25

Table 30 (con't)

Full-time Enrolment of Master's Students in Life Sciences by Discipline, 1968-69 to 1975-76

Discipline	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Pharmacy/Pharmacology	105	147	154	120	124	102	127	157
Physicology	119	137	117	91	72	70	94	96
Plant Science	117	115	122	112	88	118	123	137
Public Health	31	77	64	58	35	49	55	14
Soil Science	66	67	64	55	66	65	72	70
Surgery	29	41	40	29	22	16	21	13
Veterinary Medicine	18	30	40	24	19	17	42	63
Zoology	282	280	254	194	193	214	252	277
Other	119	174	204	162	248	295	392	488
Total	2,545	2,730	2,705	2,294	2,188	2,274	2,672	3,162

Table 31

Part-time Master's Enrolment in the Life Sciences by Discipline, 1968-69 to 1975-76

Discipline	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Agriculture	51	68	61	30	40	43	33	33
Anatomy	7	6	15	18	11	10	9	11
Animal Science	13	11	13	24	24	23	16	32
Biochemistry	16	20	27	43	38	31	28	34
Biology	41	67	93	123	178	186	233	255
Biophysics	-	3	1	4	3	4	3	2
Botany	15	14	10	13	9	24	21	21
Dentistry	6	11	16	9	15	19	21	18
Entomology	3	6	9	13	8	5	3	9
Food Science	14	20	33	23	40	31	29	53
Forestry	23	25	34	37	54	53	49	47
Genetics	6	10	3	1	3	1	2	2
Marine Science	6	4	4	6	1	3	16	19
Medicine	21	16	18	21	24	22	18	12
Microbioloby & Immunology	13	14	32	30	33	43	47	54
Nursing	11	20	18	27	41	45	50	74
Pathology	13	9	9	16	11	6	10	16
Pharmacy/Pharmacology	24	16	21	28	34	40	31	34
Physiology	10	19	27	34	36	30	30	27
Plant Science	9	10	19	18	35	33	45	38
Public Health	8	36	43	41	23	19	15	9
Soil Science	14	15	13	15	13	13	17	21
Surgery	7	8	17	15	3	9	5	3
Veterinary Medicine	11	4	12	13	11	12	17	16
Zoology	31	32	34	49	38	43	40	50
Other	30	40	42	63	85	140	175	233
Total	403	504	624	714	811	888	963	1,123

Source: Canadian Association of Graduate Schools.

Table 32

Full-time and Part-time Doctoral Enrolment by Field of Study, 1970-71 to 1974-75

Field of Study	1970-71		1971-72		1972-73		1973-74		1974-75	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Education	580	294	618	369	654	428	659	524	679	592
Fine and Applied Arts	45	27	48	21	54	28	57	34	59	35
Humanities	1,871	793	1,939	933	2,054	1,091	1,933	1,152	1,985	996
Social Sciences	2,005	718	2,103	911	2,205	1,058	2,286	1,162	2,357	1,116
Agricultural and Biological Sciences	1,089	149	1,084	150	945	168	933	199	863	159
Engineering and Applied Sciences	1,250	212	1,202	261	1,178	262	1,047	288	986	292
Health Professions & Occupations	728	63	589	97	527	119	470	116	435	123
Mathematics and Physical Sciences	2,526	221	2,376	290	2,157	344	1,910	341	1,745	347
Total	10,094	2,477	9,959	3,032	9,774	3,498	9,295	3,816	9,109	3,705

Table 33

Full-time and Part-time Doctoral Enrolment in Education and Fine Arts, 1970-71 to 1974-75

Discipline	1970-71		1971-72		1972-73		1973-74		1974-75	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Education:										
Education	580	294	618	369	654	428	659	524	679	592
Fine & Applied Arts	45	27	48	21	54	28	57	34	59	35

Table 34

Full-time and Part-time Doctoral Enrolment in Humanities by Discipline, 1970-71 to 1974-75

Discipline	1970-71		1971-72		1972-73		1973-74		1974-75	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Classics & Latin ..	67	32	56	29	N/A	N/A	N/A	N/A	50	26
English	537	143	610	156	603	218	566	227	588	247
French	206	137	198	174	226	179	161	192	194	149
Other Modern Languages	231	66	237	85	190	103	287	147	314	118
History	358	157	358	181	352	199	345	213	369	154
Library Science ...	-	-	2	-	15	1	9	1	7	-
Philosophy	284	179	286	174	329	178	291	188	303	160
Theology & Religion	188	79	180	132	180	143	155	143	142	131
Other Humanities ..	-	-	12	2	159	70	119	41	18	11
Total	1,871	793	1,939	933	2,054	1,091	1,933	1,152	1,985	996

Table 35

Full-time and Part-time Doctoral Enrolment in Social Sciences by Discipline, 1970-71 to 1974-75

Discipline	1970-71		1971-72		1972-73		1973-74		1974-75	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Anthropology	119	37	111	36	115	50	112	61	148	48
Commerce & Business	61	3	74	11	92	12	76	27	76	34
Economics	351	77	378	110	249	108	435	147	429	170
Geography	164	31	173	52	176	74	161	82	155	83
Law	19	47	19	45	26	37	21	39	32	29
Linguistics	52	28	42	40	N/A	N/A	N/A	N/A	N/A	N/A
Political Sc. & Public Admin. ..	150	48	180	78	356	107	229	65	220	85
Psychology	675	254	700	318	691	404	726	451	765	443
Social Work	19	9	24	10	23	13	26	11	22	18
Sociology	225	83	235	99	269	139	285	160	323	158
Other Social Sciences	170	101	167	112	208	114	215	119	187	93
Total	2,005	718	2,103	911	2,205	1,058	2,286	1,162	2,357	1,161

Table 36

Full-time and Part-time Doctoral Enrolment in Agriculture & Biological Sciences by Discipline, 1970-71 to 1974-75

Discipline	1970-71		1971-72		1972-73		1973-74		1974-75	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Agriculture	243	26	227	30	212	36	173	41	149	27
Biochemistry	79	12	139	13	N/A	N/A	N/A	N/A	110	21
Biology	348	57	324	48	269	50	295	62	306	57
Botany	148	15	156	11	125	14	106	25	80	19
Household Sciences .	16	-	3	-	-	-	-	-	2	-
Veterinary Medicine	35	4	21	5	22	5	30	8	7	2
Zoology	220	35	213	43	190	45	197	45	185	33
Other Biological Sciences	-	-	1	-	127	18	132	18	24	-
Total	1,089	149	1,084	150	945	168	933	199	863	159

Table 37

Full-time & Part-time Doctorates in Engineering & Applied Sciences by Discipline, 1970-71 to 1974-75

Discipline	1970-71		1971-72		1972-73		1973-74		1974-75	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Engineering	1,208	206	1,163	249	1,140	252	1,017	276	958	283
Forestry	43	6	39	12	38	10	30	12	28	9
Total	1,250	212	1,202	261	1,178	262	1,047	288	986	292

Table 38

Full-time & Part-time Doctorates in Health Professions by Discipline, 1970-71 to 1974-75

Discipline	1970-71		1971-72		1972-73		1973-74		1974-75	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Dentistry	10	1	12	2	9	1	7	3	5	5
Medicine	644	49	507	81	463	100	415	105	369	104
Pharmacy	55	4	50	5	43	10	26	3	32	9
Other Health Professions	19	9	20	9	12	8	22	5	29	5
Total	728	63	589	97	527	119	470	116	435	123

Table 39

Full-time & Part-time Doctorates in Mathematics & Physical Sciences by Discipline, 1970-71 to 1974-75

Discipline	1970-71		1971-72		1972-73		1973-74		1974-75	
	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.	F.T.	P.T.
Chemistry	970	62	902	59	802	87	674	89	592	91
Computer Science ..	69	7	113	20	N/A	N/A	N/A	N/A	N/A	N/A
Geology	221	23	214	39	202	40	207	35	209	44
Mathematics	508	81	432	94	536	136	471	127	416	127
Physics (with Meteorology)	682	45	640	74	527	54	453	55	429	67
Other Math. & Physical Sciences .	76	3	75	4	90	27	105	35	99	18
Total	2,526	221	2,376	290	2,157	344	1,910	341	1,745	347

Table 40

Full-time and Part-time Doctoral Enrolment by Field of Study, 1968-69 to 1975-76

Field Of Study	1968-69*	1969-70*	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Humanities	2,245	2,779	3,088	3,263	3,381	3,401	3,295	3,288
.....	23.4	23.8	24.1	24.6	25.4	25.9	25.2	24.7
Social Sciences	2,163	2,840	3,340	3,838	4,167	4,360	4,631	4,893
.....	22.6	24.3	26.1	28.9	31.2	33.2	35.5	36.7
Physical Sciences	2,280	2,590	2,704	2,559	2,431	2,217	2,090	2,058
.....	23.8	22.2	21.1	19.3	18.2	16.9	16.0	15.4
Engineering & Applied Sciences	1,158	1,401	1,483	1,509	1,421	1,333	1,270	1,267
.....	12.1	12.0	11.6	11.4	10.7	10.2	9.7	9.5
Life Sciences	1,745	2,081	2,199	2,099	1,937	1,810	1,774	1,826
.....	18.2	17.8	17.2	15.8	14.5	13.8	13.6	13.7
Total	9,591	11,691	12,814	13,268	13,337	13,121	13,060	13,332
.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Canadian Association of Graduate Schools.

* Incomplete

Table 41

Full-time and Part-time Doctoral Enrolment in the Humanities by Discipline, 1968-69 to 1975-76

Discipline	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Fine & Applied Arts	43	60	72	75	82	92	92	147
Classics & Latin	61	91	102	100	89	81	65	68
English Language & Literature	490	628	737	814	869	87.	853	816
French Language & Literature	335	394	401	418	381	362	344	357
History	402	493	556	569	578	573	551	565
Linguistics	49	59	82	83	105	120	116	122
Modern Languages & Literature	175	239	256	219	278	251	211	170
Philosophy	387	439	461	465	490	470	460	453
Theology & Religion	135	191	204	216	214	204	197	193
Other*	168	185	217	304	295	373	406	397
Total	2,245	2,779	3,088	3,263	3,381	3,401	3,295	3,288

* Includes Asian and Slavic Studies, Comparative Literature and Medieval Studies.
Source: Canadian Association of Graduate Schools.

Table 42

Full-time and Part-time Doctoral Enrolment in the Social Sciences by Discipline, 1968-69 to 1975-76

Discipline	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Anthropology	98	116	146	168	167	179	193	218
Archaeology	13	18	22	24	21	19	21	40
Business	20	51	67	86	107	99	112	114
Economics	198	239	293	320	323	377	404	429
Education	420	646	839	951	1,084	1,163	1,257	1,288
Geography	181	227	248	275	260	244	250	229
Law	42	58	71	73	67	60	67	63
Library Science	-	2	-	2	5	10	7	10
Physical Education	34	16	28	34	37	42	41	47
Political Science & Public Administration ...	253	322	356	431	472	486	509	522
Psychology	727	857	914	1,049	1,119	1,153	1,217	1,326
Social Welfare	18	24	28	34	36	37	40	45
Sociology	150	220	281	323	390	421	421	449
Other*	9	44	47	68	79	70	92	113
Total	2,163	2,840	3,340	3,838	4,167	4,360	4,631	4,893

* Includes Canadian Studies, Journalism and Communication, Urban and Regional Planning.
Source: Canadian Association of Graduate Schools.

Table 43

Full-time and Part-time Doctoral Enrolment in Engineering and Applied Sciences by Discipline, 1968-69 to 1975-76

Discipline	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Architecture	-	12	5	2	7	9	9	41
Areospace	69	83	93	80	66	60	46	44
Chemical Engineering	234	241	258	249	249	196	189	187
Civil Engineering	220	255	301	279	246	214	205	195
Electrical Engineering ..	311	411	402	372	358	360	349	322
Mechanical Engineering ..	178	223	222	216	229	206	202	177
Other*	151	176	202	311	266	288	270	301
Total	1,158	1,401	1,483	1,509	1,421	1,333	1,270	1,267

* Includes Engineering Design, Environmental Studies, Industrial and Mining Engineering, and Metal and Materials Science.
Source: Canadian Association of Graduate Schools.

Table 44

Full-time and Part-time Doctoral Enrolment in the Physical Sciences by Discipline, 1968-69 to 1975-76

	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Astronomy	14	18	22	31	33	23	24	26
Chemistry	987	1,043	1,057	971	901	760	716	663
Computer Science	31	76	76	134	163	174	178	165
Geology	192	216	239	251	246	255	260	277
Mathematics	456	534	606	536	502	447	393	415
Physics (including Meteorology)	600	703	704	636	586	558	519	512
Total	2,280	2,590	2,704	2,559	2,431	2,217	2,090	2,058

Source: Canadian Association of Graduate Schools.

Table 45

Full-time & Part-time Doctoral Enrolment in the Life Sciences by Discipline, 1968-69 to 1975-76

Discipline	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Agriculture	2	39	45	23	24	23	19	21
Anatomy	45	45	63	53	44	51	41	44
Animal Science	68	56	64	60	58	46	46	56
Biochemistry	245	254	253	223	192	193	185	165
Biology	202	294	328	341	298	300	300	315
Biophysics	27	40	53	57	41	45	38	42
Botany	142	164	145	116	100	84	74	63
Dentistry	7	8	12	14	11	10	12	12
Entomology	49	43	36	33	48	47	37	41
Food Science	16	27	33	32	36	29	32	51
Forestry	40	52	49	51	49	41	50	54
Genetics	41	45	28	25	21	18	15	14
Marine Science	37	51	57	49	42	11	31	35
Medicine	50	53	52	54	57	34	35	44
Microbiology & Immunology	93	129	128	116	127	118	108	118
Pathology	23	32	40	30	34	29	23	26
Pharmacy/Pharmacology	106	132	154	138	116	101	91	91
Physiology	101	137	120	117	111	93	86	92
Plant Science	101	88	81	119	121	122	121	111
Public Health	18	22	23	20	19	11	11	8
Soil Science	50	59	57	52	43	38	38	43
Surgery	12	25	26	23	16	9	9	12
Veterinary Medicine	13	12	15	11	13	11	28	33
Zoology	224	265	253	257	244	241	224	203
Other	9	29	84	85	72	105	120	132
Total	1,745	2,081	2,199	2,099	1,937	1,810	1,774	1,826

Source: Canadian Association of Graduate Schools.